

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	((("5959409") or ("4612077") or ("20030200929") or ("20030019580") or ("20020179011")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/02 23:16
S2	2	("20050098106").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/03 13:32
S3	7029	((118/715,723E) or (156/345.33, 345.34,345.43,345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/03 13:33
S4	632	S3 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (nozzle or (injection device) or hole or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 13:38
S5	165	S3 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 17:57
S6	134	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 21:54
S7	31	S5 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 15:53
S8	498	S4 not (S5 or S6 or S7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:21
S9	2	("2003/0192645").URPN.	USPAT	ADJ	ON	2005/12/03 16:10
S10	0	("2003/0037880").URPN.	USPAT	ADJ	ON	2005/12/03 16:19

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S11	0	("2001/0010257").URPN.	USPAT	ADJ	ON	2005/12/03 16:29
S12	35	("20030000913" "4033287" "4842683" "4924807" "4980204" "5070814" "5105761" "5194550" "5244501" "5282899" "5338399" "5366590" "5368685" "5698062" "5753132" "5788799" "5798016" "5843847" "5870271" "5886863" "5888309" "5980687" "6014943" "6063199" "6073577" "6108189" "6122159" "6165910" "6166897" "6174451" "6230651" "6251216" "6387287" "6403491").PN. OR ("6797639").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/03 16:33
S13	19	("20020136909" "4049523" "5338364" "5679167" "5728223" "5851294" "5950925" "5951771" "5962085" "6106625" "6110544" "6123776" "6132552" "6170432" "6213049" "6436193" "6444042").PN. OR ("6641673").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/03 16:37
S14	21	("3381114" "4401052" "4625678" "4748135" "4980204" "4993358" "5284519").PN. OR ("5728223").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/03 17:19
S15	215	S3 and electrode same "electrode plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:05
S16	3	S3 and (keyhole or key hole) same (screw or bolt or fasten\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 17:54
S17	17	(showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:00

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S18	10	electrode same "electrode plate" same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:12
S19	86	(electrode same "electrode plate") and (screw or bolt or fasten\$3) and (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:18
S20	61	(S19 and (@ad<="20031112" or @rlad<="20031112")) not (S17 or S18)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:38
S21	30885	(screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:33
S22	17	S3 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:18
S23	12082	(screw or bolt or fasten\$3) same (keyhole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:03
S24	464	S23 and (substrate or wafer or workpiece)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:01
S25	21	S24 and (etch\$3 or coat\$3or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:37

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S26	163	S24 and (etch\$3 or coat\$3 or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:38
S27	122	(S26 and (@ad<="20031112" or @rlad<="20031112"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 18:38
S28	1849	(screw or bolt or fasten\$3) same (key-hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:00
S29	0	S28 and (substrate or wafer or workpiece) and (etch\$3 or coat\$3 or deposit\$3) (@ad<="20031112" or @rlad<="20031112")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:02
S30	1	S28 and (substrate or wafer or workpiece) and (etch\$3 or coat\$3 or deposit\$3) and (@ad<="20031112" or @rlad<="20031112")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:02
S31	18	S3 and (keyhole or key-hole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/03 19:04
S32	2	("20010003271").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/03 21:55
S33	7345	((118/715,723E) or (156/345.33, 345.34,345.43,345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/11 13:29

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S34	691	S33 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (nozzle or (injection device) or hole or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S35	182	S33 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S36	233	S33 and electrode same "electrode plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S37	17	(showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S38	10	electrode same "electrode plate" same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S39	88	(electrode same "electrode plate") and (screw or bolt or fasten\$3) and (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S40	31709	(screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S41	17	S33 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29

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S42	12327	(screw or bolt or fasten\$3) same (keyhole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S43	491	S42 and (substrate or wafer or workpiece)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S44	22	S43 and (etch\$3 or coat\$3or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S45	172	S43 and (etch\$3 or coat\$3 or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S46	18	S33 and (keyhole or key-hole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/11 13:29
S47	34	(S34 or S35 or S36 or S37 or S38 or S39 or S41 or S44 or S45 or S46) and (@ad<="20031112" or @rlad<="20031112") and @pd>="20051203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:02
S48	7644	((118/715,723E) or (156/345.33, 345.34,345.43,345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 21:03
S49	739	S48 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (nozzle or (injection device) or hole or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03

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S50	193	S48 and (showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S51	251	S48 and electrode same "electrode plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S52	17	(showerhead or (shower head) or electrode plate or (gas (diffus\$4 or dispers\$4 or dispens\$4 or distribut\$4) plate)) same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S53	10	electrode same "electrode plate" same (screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S54	96	(electrode same "electrode plate") and (screw or bolt or fasten\$3) and (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S55	32452	(screw or bolt or fasten\$3) same (keyhole or (key hole) or (hole near3 slot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S56	18	S48 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S57	12535	(screw or bolt or fasten\$3) same (keyhole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03

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S58	512	S57 and (substrate or wafer or workpiece)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S59	23	S58 and (etch\$3 or coat\$3 or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S60	182	S58 and (etch\$3 or coat\$3 or deposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S61	18	S48 and (keyhole or key-hole or (key hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/30 21:03
S62	0	(S49 or S50 or S51 or S52 or S53 or S54 or S56 or S59 or S60 or S61) and (@ad<="20031112" or @rlad<="20031112") and @pd>="20070711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 09:12
S63	5445	(weld\$3 with (thread\$3 or engag\$3 or bolt\$3 or screw\$3)) same nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 09:10
S64	1828	(weld\$3 with (thread\$3 or engag\$3 or bolt\$3 or screw\$3)) with nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 09:10
S65	58	S64 and (wafer or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 09:11

EAST Search History

S66	45	S65 and (@ad<="20031112" or @rlad<="20031112")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 09:12
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